



Yavapai County LWIA

Labor Market Information

Introduction Summary

The Arizona Office of Economic Opportunity (OEO) produces demographic, labor force, regulatory, workforce, and economic information for Arizona and substate areas. OEO created the following summary of economic highlights for Yavapai County.

This section summarizes labor market and workforce trends occurring within the Yavapai County economy to help address and manage future workforce challenges.

Yavapai County is projected to have modest, though slowing growth through 2050 with the majority of population growth driven by net in migration.

- When compared to the state or the nation, Yavapai County's median age is significantly higher, the rate of individuals with disabilities is higher, and the county also has a higher percentage of veterans
- Yavapai County has a lower median household income than Arizona or the United States.
- A significantly lower labor force participation rate, which is linked to the factors cited above (higher median age and more individuals with disabilities)
- Yavapai County's population has a greater proportion of individuals that are high school graduates (56.8%) than Arizona or the United States
- The unemployment rate is considerably higher for individuals with less than a high school diploma (16.1%) in Yavapai County when compared to the state or nation
- Yavapai County has a lower proportion of their population uninsured at 9.5% when compared to Arizona or the United States
- Yavapai County's unemployment rate has trended very close to Arizona until 2013. However, over the period of 2013 to 2018, Yavapai County's unemployment rate was, on average, (-0.6%) below Arizona's unemployment rate.
- The area with the most significant increase in employment share was Education and Health Services which grew 5.8% from 2001 to 2017



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Economic Overview

Yavapai County

How to use data:

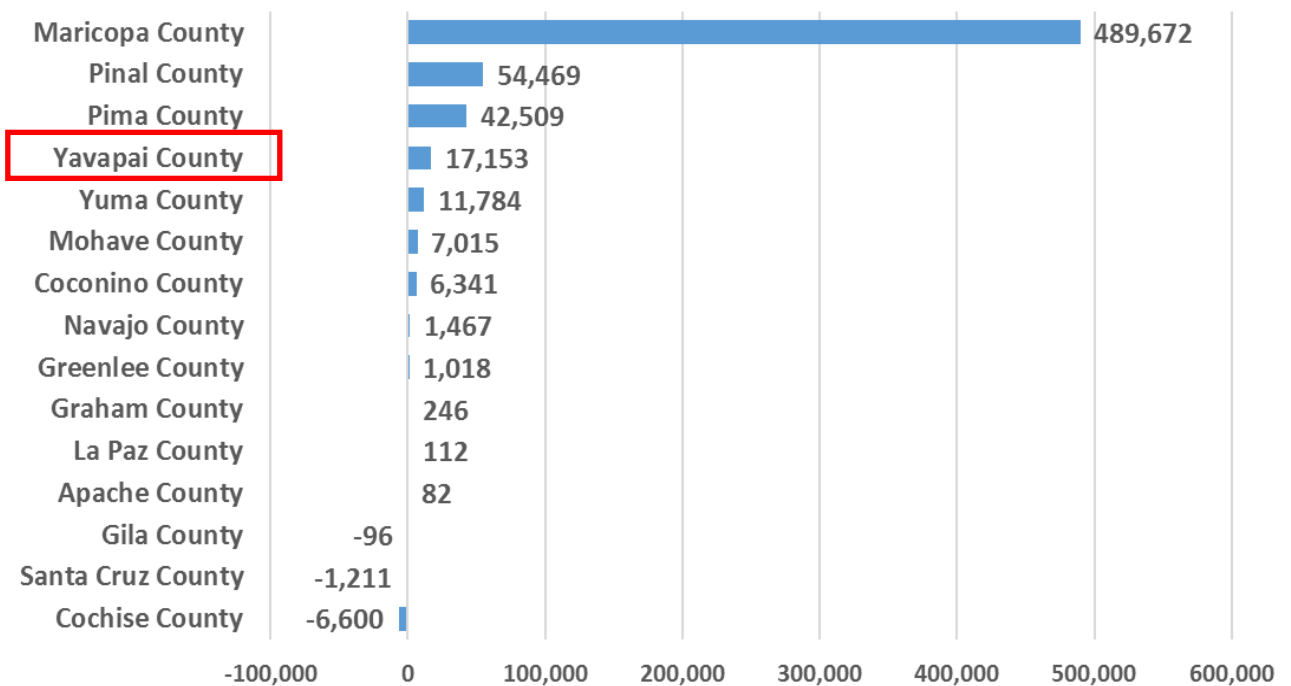
- Use data to drive decision, not validate decisions
- Use more than one source of data** – don't lock yourself into a single estimate, consider all of the available data to get the most accurate picture
- Know the limitations of your data set** – it's easy to accidentally misuse data and draw erroneous conclusions
- Become familiar with different data sets (or someone who is)** – there is no one place to find all the data you need

Immerse yourself in the data

Be prepared to accept surprising surprises



Population Growth by County (2010-2017):



Source: Produced by the Arizona Office of Economic Opportunity using 2017 Population Estimates (PEPTCOMP) in cooperation with the US Census Bureau

Maricopa, Pima, and Pinal Counties represented 94% of total population growth within the state; however, these counties are also the most populous. Yavapai County experienced a population increase of 17,153 individuals during from 2010 to 2017, which represents 7.7% of the total population of Yavapai County on July 1st, 2017. Projected population growth is expected to remain positive until the end of the projection period in 2050.



Yavapai County Population Projections 2015 Medium Series

Year	Population	Population Change	Population % Change	Natural Change (Births-Deaths)	Total Net Migration (Inflows-Outflows)
2017	224,018	3,288	1.5%	(862)	4,096
2018	227,505	3,487	1.6%	(876)	4,307
2019	231,092	3,587	1.6%	(888)	4,417
2020	234,726	3,633	1.6%	(905)	4,477
2021	238,271	3,545	1.5%	(927)	4,408

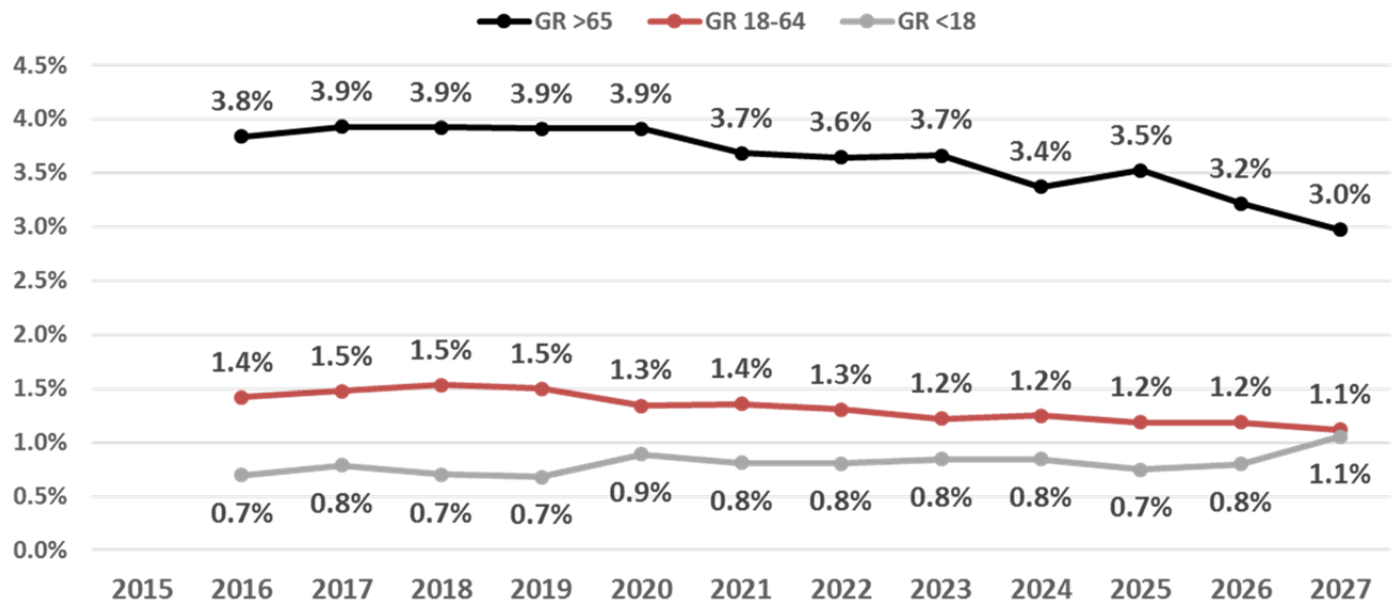
Yavapai County is projected to have modest, though slowing growth until the end of the projection period in 2050. Currently, population growth is driven by net migration (number of individuals moving to Yavapai County exceeding the number of individuals moving away from Yavapai County). Through the end of the projection period there is expected to be more deaths than births in Yavapai County; therefore, the population growth is exclusively driven by net in migration.

For more information on Yavapai County's population projections through 2050 please visit - <https://population.az.gov/population-projections>



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Arizona Population Growth Rate by Age Category, 2016-2027



Source: Arizona Office of Economic Opportunity 2015-2050 Population Projections, Medium Series

Chart note: data is for the whole state of Arizona

The 65 and over population is projected to grow at nearly 2-3 times the rate of the 18-64 age group and 3-4 times the rate of the 17 and under age group. The growth rate of the 65 and over cohort will steadily decline over the next decade. The 18-64 cohort will experience slower declines in their growth rate over the next decade. The 17 and under cohort will see modest increases in growth rates during the same period.



Population Characteristics (2017)

Indicator	Yavapai County	Arizona	United States
Median Household Income	\$50,041	\$56,581	\$60,336
Median Age	53.6	37.7	38.1
Individuals with a Disability between 18-64	15.9%	10.5%	10.3%
Veterans	13.8%	9.0%	7.3%
Poverty Status	14.1%	14.9%	13.4%
Mean Travel Time to Work (minutes)	22:7	25:36	26:54
Civilian Labor Force Participation Rate	47.6%	59.6%	62.8%
Population over 16	195,144	5,571,583	260,564,248
Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (DP03, B01002, S1810, S2101) in cooperation with the US Census Bureau			

- Yavapai County has a lower median household income than Arizona or the United States
- Yavapai County's median age is significantly higher than the state or national median ages
- Yavapai County shows a higher rate of individuals with disabilities than the state or nation
- Yavapai County also has a higher percentage of veterans than the state or nation
- Yavapai County has a significantly lower labor force participation rate, which is linked to the factors cited above (higher median age, more individuals with disabilities, and a higher percentage of veterans)

These are some of the issues that can shape workforce development policies. Yavapai is a unique area with unique circumstances.



Highest Educational Level Achieved (Population over 25 years of age; 2017)

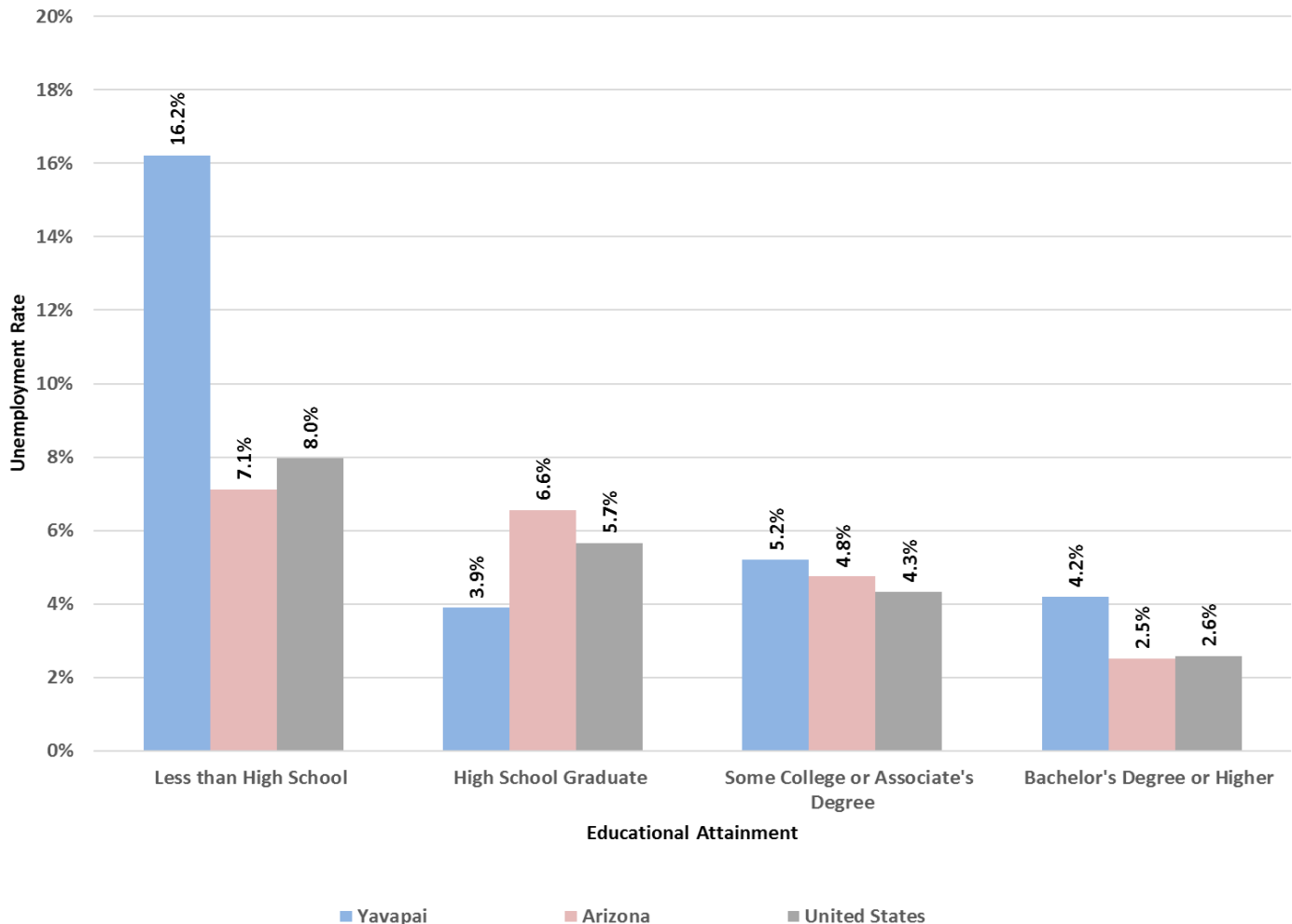
	Yavapai County	Arizona	United States
Less than High School	9.2%	12.8%	12.0%
High School Graduate (includes equivalency)	56.8%	49.1%	47.5%
Associate's Degree	10.3%	8.7%	8.5%
Bachelor's Degree	13.4%	18.3%	19.7%
Graduate or Professional Degree	10.3%	11.0%	12.3%
Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (S1501) in cooperation with the US Census Bureau			

Yavapai County's population has a greater proportion of individuals that are high school graduates (56.8%) than Arizona or the United States. However, the County has a lower proportion of individuals with less than a high school diploma (9.2%). Yavapai has a higher percentage of individuals with associates degrees, though a lower number of residents possess a Bachelors or a Graduate/Professional degree.



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Unemployment Rate by Educational Attainment (Ages 25-64) Yavapai County 2017



Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (B23006) in cooperation with the US Census Bureau

Unemployment rates for Yavapai County workers with a high school diploma (3.9%) is lower than the rates for Arizona or the United States. The unemployment rate is considerably higher for individuals with less than a high school diploma (16.1%) when compared to the state or nation.



Yavapai County Public Assistance Households (2017)

	Yavapai County	Arizona	United States
TANF (Temporary Assistance for Needy Families)	1.6%	1.6%	2.3%
SSI (Supplemental Security Income)	5.0%	4.3%	5.3%
SNAP (Supplemental Nutrition Assistance Program)	8.5%	10.8%	11.7%
Medicaid/AHCCCS (Arizona Health Care Cost Containment System)	13.7%	17.4%	15.3%
Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (DP03, B27010) in cooperation with the US Census Bureau			

Chart note: TANF, SSI, and SNAP proportions are based on households, while Medicaid/AHCCCS proportions are based on individuals.

Yavapai County has a comparable or lower rate of public assistance utilization than either Arizona or the United States. The most significantly lower rate of utilization is with the Medicaid program (AHCCCS) where only 13.7% of residents are enrolled compared to 17.4% statewide.



Yavapai County Health Insurance (2017)

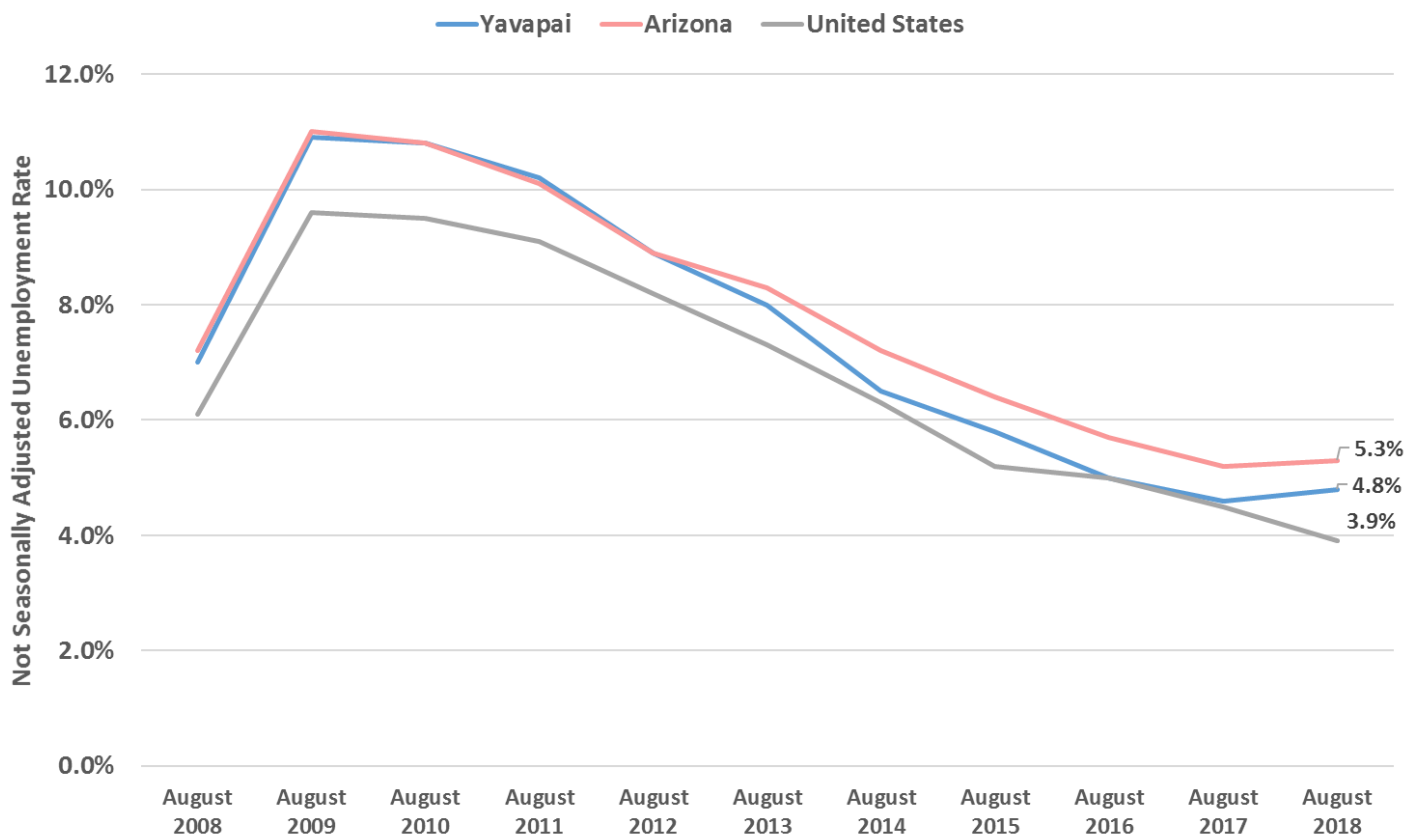
	Yavapai County	Arizona	United States
Private Coverage Only (Employer, Direct-Purchase, TRICARE)	37.9%	49.1%	54.1%
Public Coverage Only (Medicare, AHCCCS, Veteran's Admin.)	22.9%	24.2%	20.9%
More than one source of health care coverage	29.7%	16.6%	16.3%
Uninsured	9.5%	10.1%	8.7%
Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (B27010) in cooperation with the US Census Bureau			

Yavapai County has a lower proportion of their population uninsured at 9.5% when compared to Arizona or the United States. The county has a lower proportion of individuals with only private coverage, though a significantly higher proportion of people that have more than one source of coverage. However, this seems associated with the county's higher median age, as 60% of the combination coverages involve employer based or direct-purchase plus Medicare.



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August Unemployment Rate Comparisons Yavapai County, Arizona, and United States Historical Rates



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Local Area Unemployment Statistics (LAUS)

Yavapai County's unemployment rate has trended very close to Arizona until 2013. Over the period of 2013 to 2018, Yavapai County's unemployment rate was, on average, (-0.6%) below Arizona's unemployment rate.



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Yavapai County Industry Nonfarm Employment Share 2001 and 2017 Annual Averages

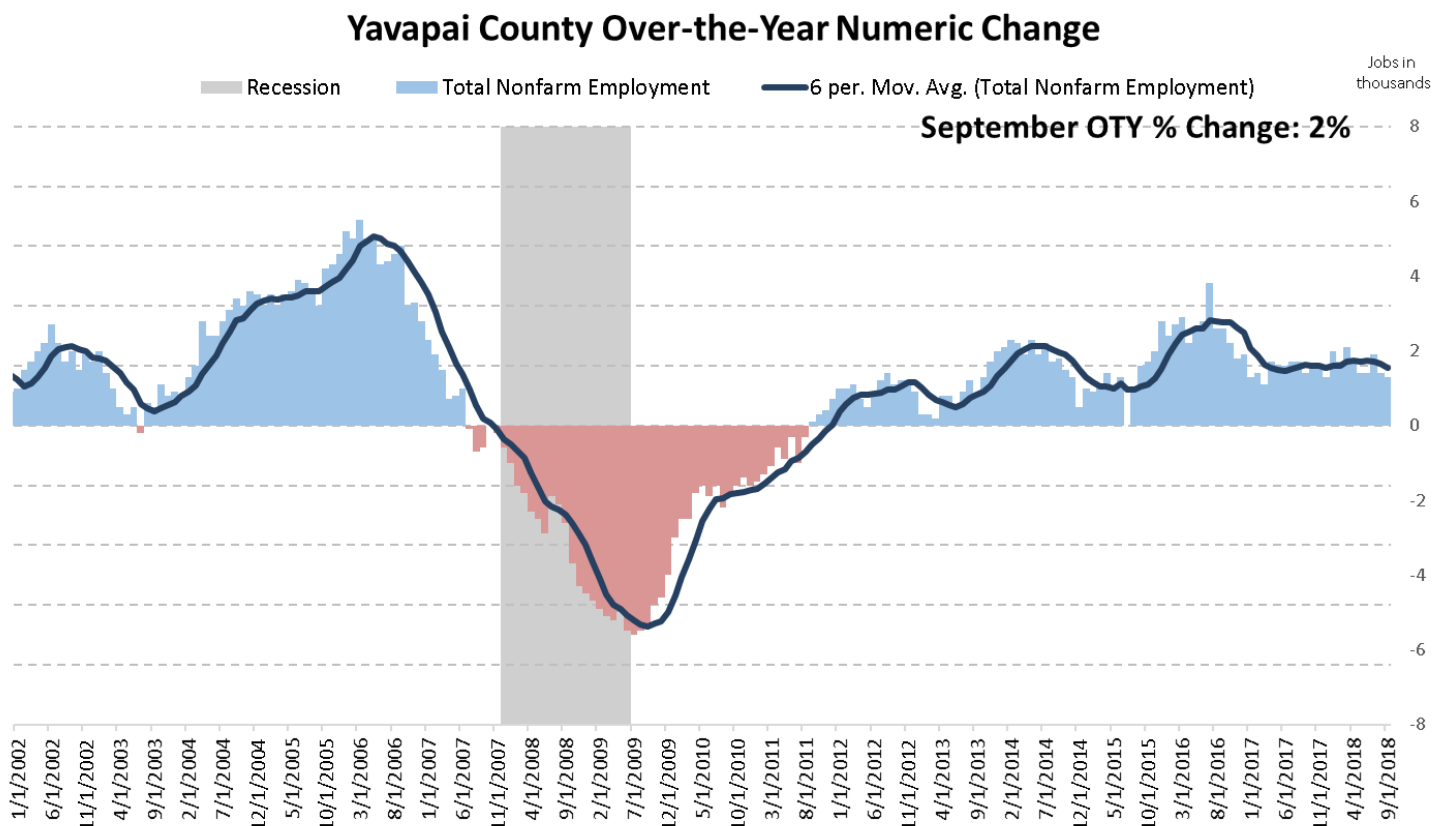
Industry	Employment Share 2001	Employment Share 2017	Change
Mining and Construction	12.0%	8.0%	-4.0%
Manufacturing	6.5%	6.1%	-0.4%
Trade, Transportation and Utilities	19.3%	20.1%	0.8%
Information	1.2%	0.9%	-0.2%
Financial Activities	3.3%	3.1%	-0.2%
Professional and Business Services	7.1%	5.8%	-1.3%
Education and Health Services	13.8%	19.6%	5.8%
Leisure and Hospitality	13.6%	15.9%	2.3%
Other Services (except Public Administration)	3.5%	3.3%	-0.2%
Government	19.7%	17.1%	-2.6%
Total	100%	100%	
Source: Produced by the Arizona Office of Economic Opportunity using CES data in cooperation with the US Department of Labor, Bureau of Labor Statistics			

Yavapai County's economy has changed in the 21st century. While total employment has remained relatively steady, the distribution between industries has changed over time. Mining and Construction has lost the most shares (-4.0%). The area with the most significant increase in employment share was Education and Health Services which grew 5.8% from 2001 to 2017.



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Yavapai County Nonfarm Employment Historical Over The Year Numeric Changes



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Current Employment Statistics (CES)

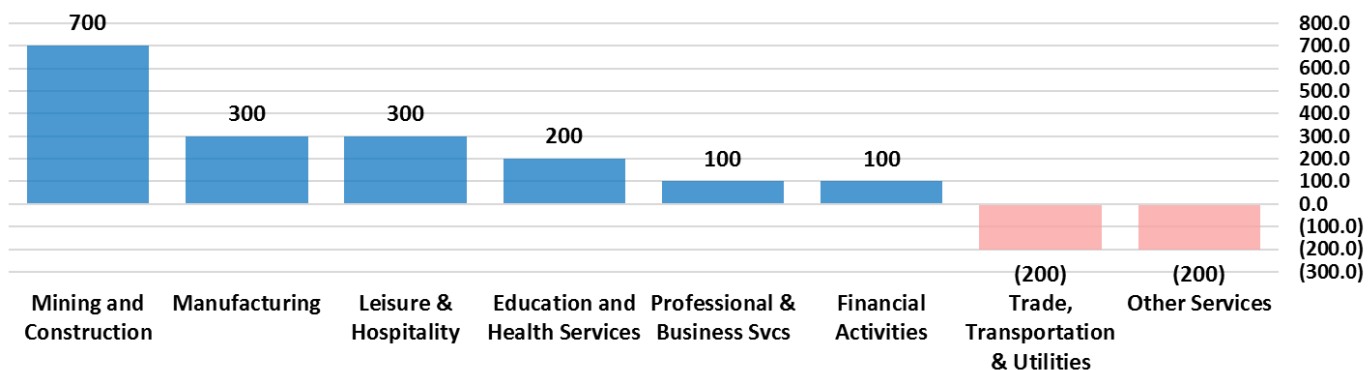
Yavapai County has reported modest and consistent annual total nonfarm job growth since 2011.



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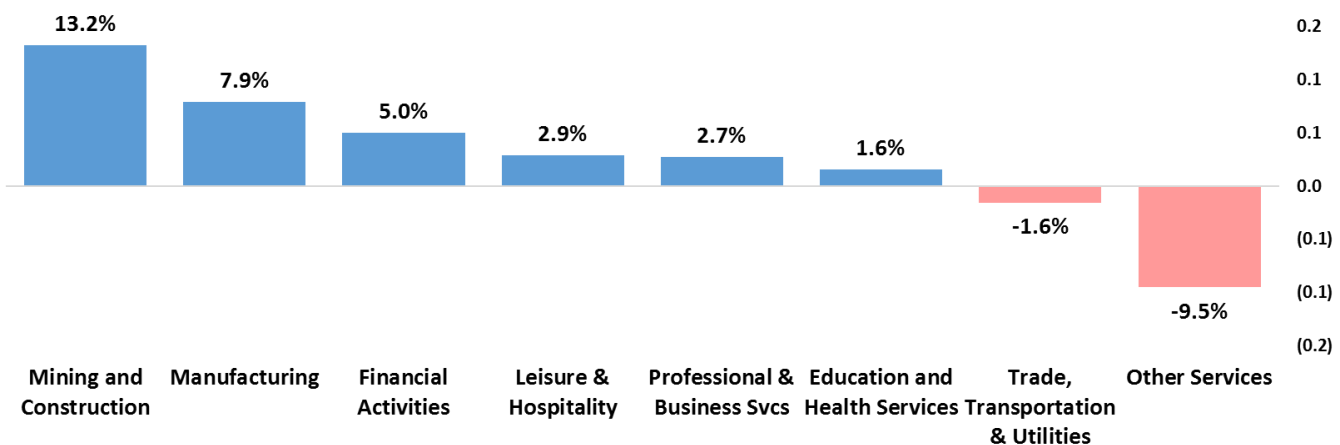
September 2018 Nonfarm Employment Report

Yavapai County Numeric Over-the-Year Employment Gain/Loss by Sector September 2018



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Current Employment Statistics (CES)

Yavapai County Percentage Over-the-Year Employment Gain/Loss by Sector



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Current Employment Statistics (CES)

In September 2018, Yavapai County saw Mining and Construction job growth of 13.2% (700 jobs); Manufacturing of 7.9% (300 jobs); and, Leisure and Hospitality of 2.9% (300 jobs). While the Mining and Construction sector lost employment share from 2001 to 2017 (*as noted on page 12*) recent job growth, particularly in construction, has resulted in a significant number of employment opportunities in this sector over the past year.



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2017-2019 Yavapai County Industry Employment Projections				
Industry Title	2017	2019	Numeric	Percent
Total All Industries	69,233	72,103	2,870	4.1%
Plastics and Rubber Products Manufacturing	448	610	162	36.2%
Beverage and Tobacco Product Manufacturing	203	254	51	25.1%
Building Material and Garden Equipment and Supplies Dealers	1,089	1,212	123	11.3%
Performing Arts, Spectator Sports, and Related Industries	126	139	13	10.3%
Professional, Scientific, and Technical Services	1,753	1,923	170	9.7%
Machinery Manufacturing	315	344	29	9.2%
Couriers and Messengers	201	219	18	9.0%
Manufacturing	4,029	4,360	331	8.2%
Religious, Grantmaking, Civic, Professional, and Similar Organizations	783	846	63	8.0%
Scenic and Sightseeing Transportation	138	147	9	6.5%
Specialty Trade Contractors	2,712	2,882	170	6.3%
Arts, Entertainment, and Recreation	1,564	1,658	94	6.0%
Agriculture, Forestry, Fishing and Hunting	1,176	1,245	69	5.9%
Agriculture (111+112)	1,152	1,219	67	5.8%
Amusement, Gambling, and Recreation Industries	1,313	1,387	74	5.6%
Museums, Historical Sites, and Similar Institution	125	132	7	5.6%
Ambulatory Health Care Services	4,309	4,540	231	5.4%
Health Care and Social Assistance	11,563	12,174	611	5.3%
Food and Beverage Stores	2,066	2,175	109	5.3%
Administrative and Support Services	1,761	1,853	92	5.2%
Administrative and Support and Waste Management and Remediation Services	2,072	2,177	105	5.1%
Construction	4,368	4,588	220	5.0%
Other Services (Except Government)	2,134	2,241	107	5.0%
Furniture and Related Product Manufacturing	186	195	9	4.8%
Health and Personal Care Stores	457	479	22	4.8%
Nonmetallic Mineral Product Manufacturing	563	590	27	4.8%
Food Services and Drinking Places	6,873	7,198	325	4.7%
Other Information Services	172	180	8	4.7%
Miscellaneous Store Retailers	654	684	30	4.6%
Self-Employed and Unpaid Family Workers, All Jobs	4,054	4,234	180	4.4%
Self-Employed and Unpaid Family Workers, All Jobs	4,054	4,234	180	4.4%
Accommodation and Food Services	9,105	9,506	401	4.4%
Real Estate	765	798	33	4.3%
Waste Management and Remediation Service	311	324	13	4.2%
Local Government, Excluding Education and Hospitals	3,603	3,749	146	4.1%
Heavy and Civil Engineering Construction	868	903	35	4.0%
Postal Service	250	260	10	4.0%
Repair and Maintenance	798	829	31	3.9%
Transportation Equipment Manufacturing	208	216	8	3.8%
Printing and Related Support Activities	144	149	5	3.5%
Retail Trade	9,357	9,681	324	3.5%

Source: Arizona Office of Economic Opportunity 2017-2019 Industry Projections



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2017-2019 Projected Job Growth by Region

Area Name	2017 Estimated Total Employment Level	2019 Estimated Total Employment Level	2-year Numeric Growth	2-Year Annualized Percentage Growth
Arizona	2,933,968	3,086,936	152,968	2.6%
Coconino County	70,107	72,350	2,243	1.6%
Maricopa County	2,067,036	2,190,157	123,121	3.0%
Mohave and La Paz	59,173	61,573	2,400	2.0%
Northeastern Arizona	74,509	76,772	2,263	1.5%
Pima County	392,316	405,671	13,355	1.7%
Pinal County	66,356	69,239	2,883	2.1%
Santa Cruz County	15,080	15,156	76	0.3%
Southeastern Arizona	53,375	55,103	1,728	1.6%
Yavapai County	69,233	72,103	2,870	2.1%
Yuma County	66,281	68,306	2,025	1.5%

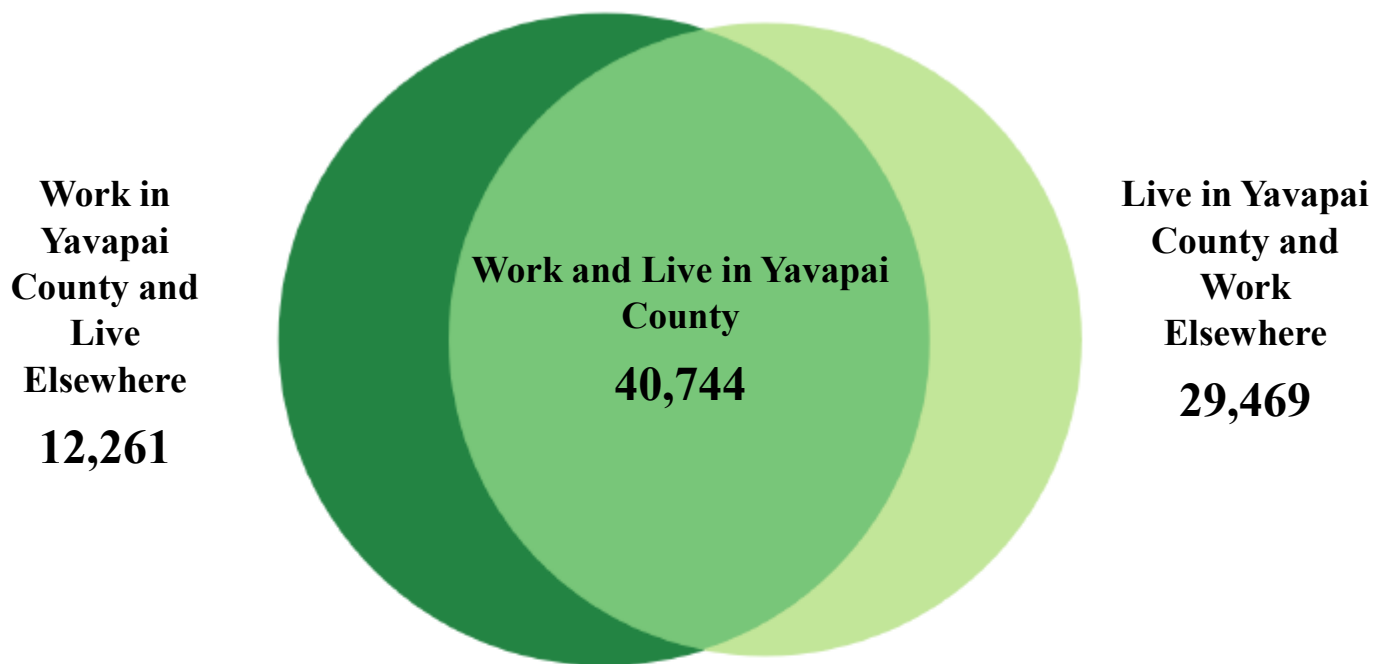
Arizona Office of Economic Opportunity 2017-2019 Industry Projections

The different regions in Arizona are projected to experience job growth during the projections period. Some are projected to grow faster than others, but the growth rates are projected to be positive.



Yavapai County Commuting Patterns

Yavapai County 2015



Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

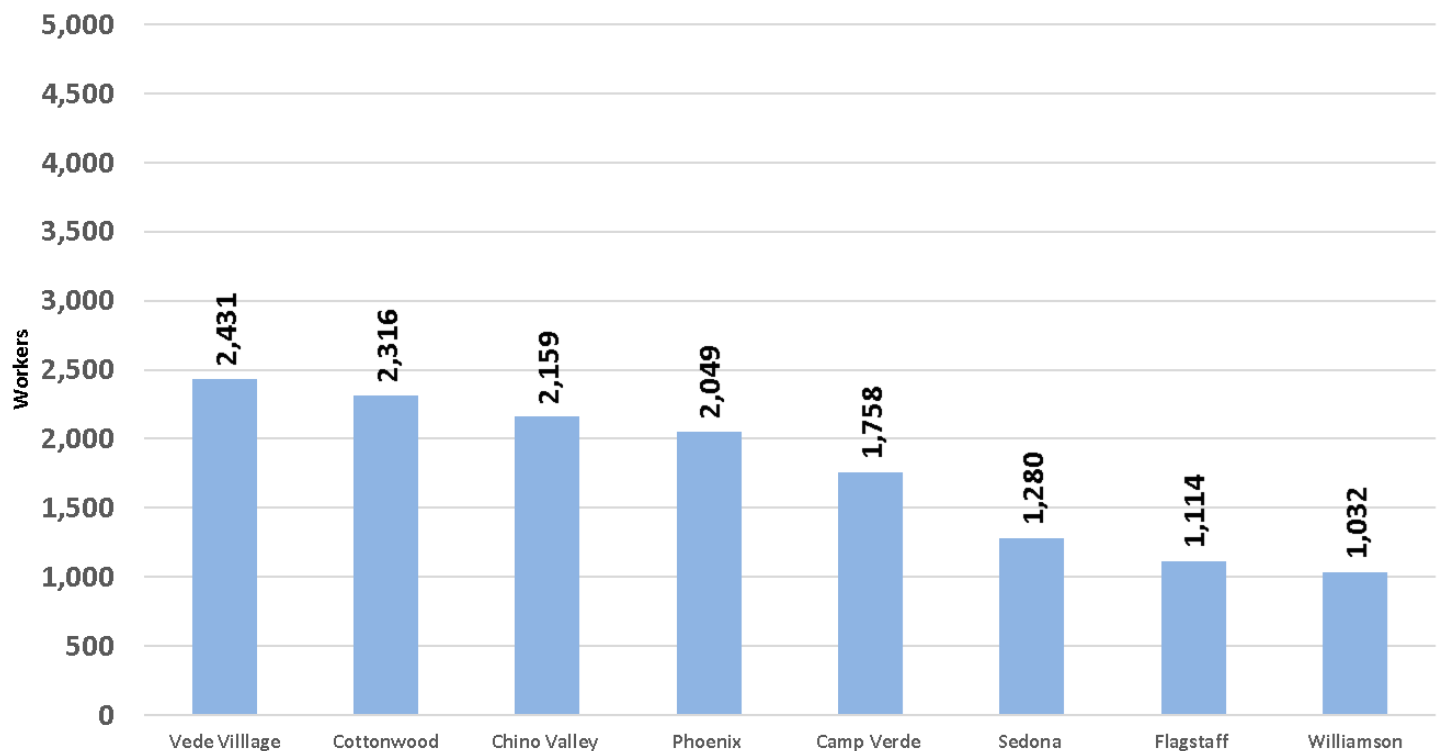
On The Map can provide information about commuting patterns for residents and workers within Yavapai County. Approximately 76.9% of Yavapai County workers also live in Yavapai County, but there are both inflows and outflows. Yavapai County has more than twice the number of workers leaving the area for work when compared to the coming into the area for work.

The dark green circle represents the population that works in Yavapai County (53,035 individuals). The light green circle represents the population that lives in Yavapai County (70,243 individuals). The area where the circles overlap represents the population that both lives and works within Yavapai County (40,774 individuals).



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Top 8 Places of Residence for Yavapai Workers (Prescott and Prescott Valley Excluded) Yavapai County 2015



Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

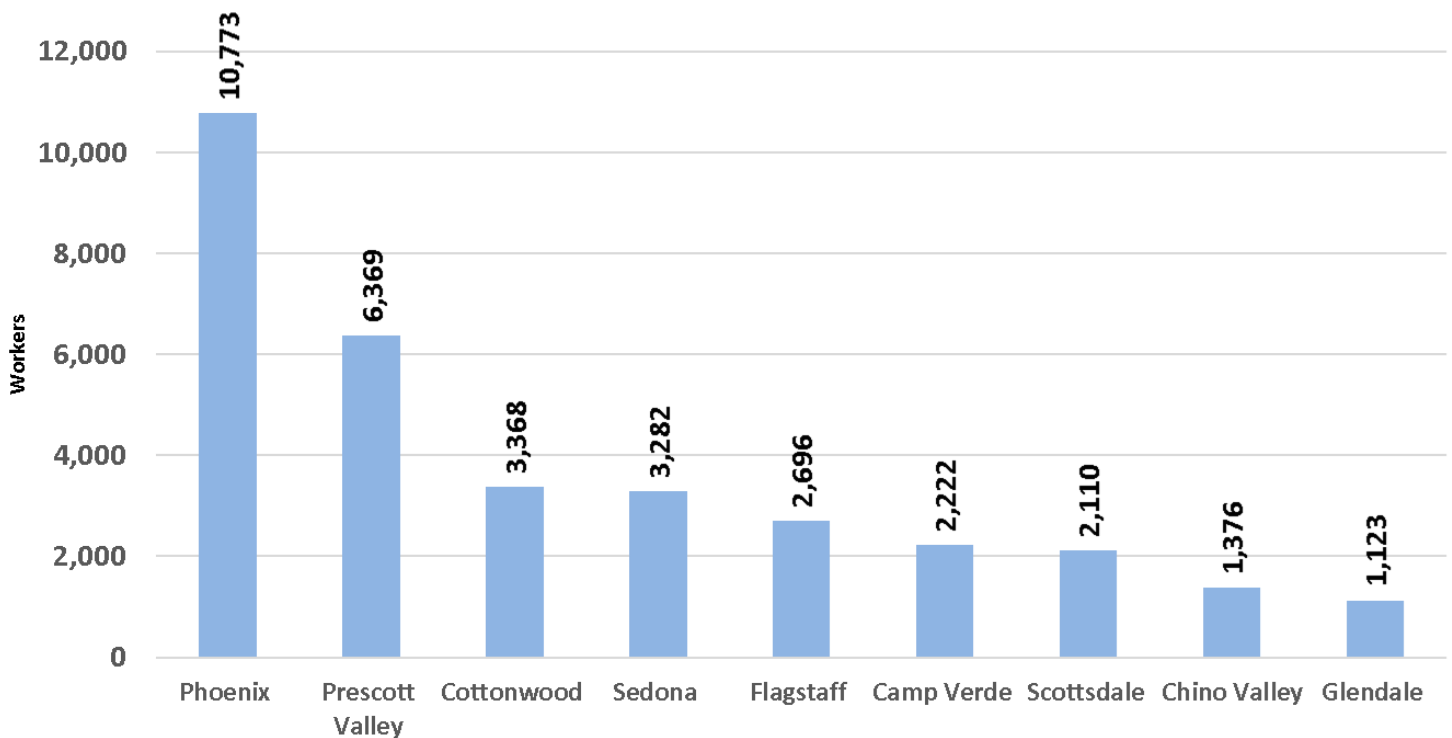
Of the 53,035 individuals who work in Yavapai County, these are the top 8 places where these individuals live (dark green circle). Prescott and Prescott Valley are the top places for Yavapai County workers to live, but they were excluded because the scale would have made the eight places listed incomprehensible.

- 9,120 individuals who work in Yavapai County live in Prescott (17.2%).
- 9,145 individuals who work in Yavapai County live in Prescott Valley (17.8%)
- 20,331 individuals who work in Yavapai live in other non-specified locations (38.3%)



Top 9 Places of Employment for Yavapai County Residents (Prescott Excluded)

Yavapai County 2015



Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

Of the 70,243 individuals who live in Yavapai County, these are the top 9 places where these individuals work (light green circle). Prescott is the top place for Yavapai County residents to work, but it was excluded because the scale would have made the nine places listed incomprehensible.

- 18,108 of the 70,243 individuals who live in Yavapai County work in Prescott (25.8%)
- 18,822 of the 70,243 individuals who live in Yavapai County work in other un-specified locations (26.8%)



Data Sources

LaborStats.az.gov

Employment Data:

laborstats.az.gov/employment

Unemployment Data:

laborstats.az.gov/unemployment

Wage & Income Data:

laborstats.az.gov/wages-income

Employment Projections Data:

laborstats.az.gov/employment-forecasts

Population Data:

laborstats.az.gov/population

Other Labor Market Data Sources

Commuting Patterns Data:

On the Map: onthemap.ces.census.gov/

Demographics Data:

American Community Survey: census.gov/programs-surveys/acs/

Personal Income and State GDP Data:

US Bureau of Economic Analysis: bea.gov/regional/index.htm

Interactive Employment Mapping

Maricopa Association of Governments: <http://geo.azmag.gov/maps/azdemographics/>

Skills and Training Requirement Data:

O*NET: onetonline.org/find/descriptor/browse



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Contact Information

Website: <https://laborstats.az.gov>

Phone: 602.771.2222

Office Email: labor.info@azstats.gov

Doug Walls: doug.walls@oeo.az.gov

For information on
the Office of
Economic
Opportunity's
recommended
In-Demand
Industries visit:

[https://
tabsoft.co/2AE47vq](https://tabsoft.co/2AE47vq)

Tool Provides:

- ⇒ Custom Data Filters
- ⇒ Visual Comparisons
- ⇒ “Highlight” feature
- ⇒ Local employment data
- ⇒ Visualizes Sectors & Detailed Industries
- ⇒ Customer Support at (602)771-2222
- ⇒ labor.info@oeo.az.gov

Local Workforce Labor Market Information

Instructions:

- Select a local region below to get started
- Review employment and wage estimates to identify qualified in-demand industry sectors
- Hover over an industry to highlight data elements for that industry only
- In-demand industries that were calculated using the state's methodology are highlighted in blue and are represented with the star symbol below

Local Area

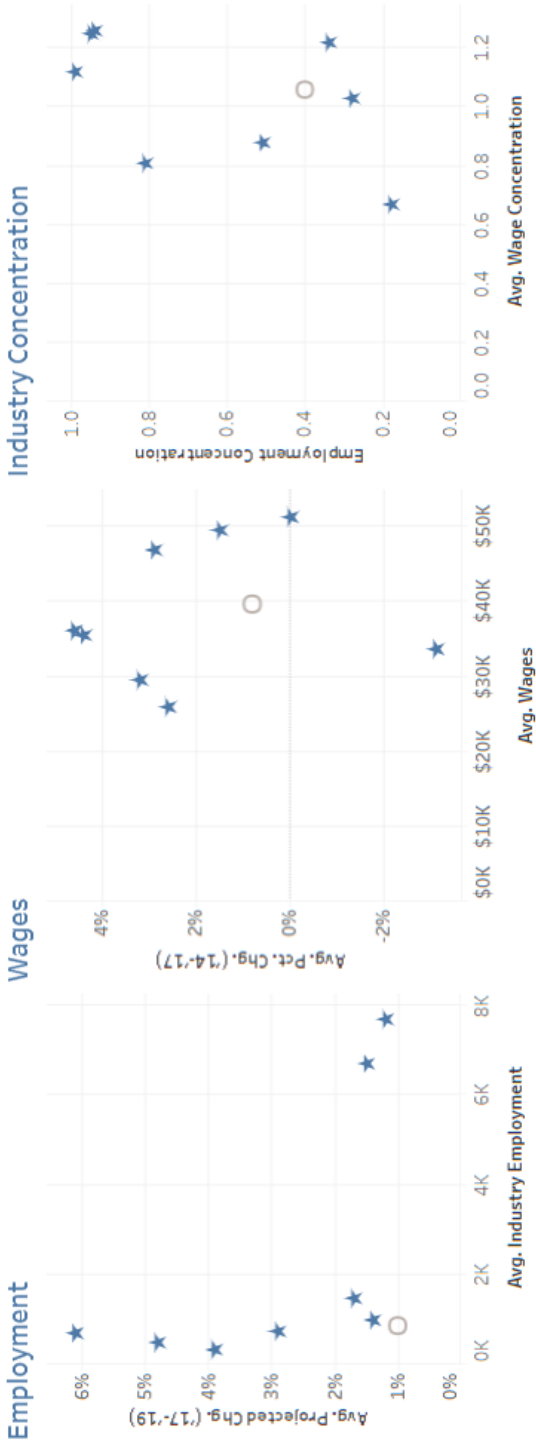
Northeastern Arizona

Industry Detail

Industry Sectors

In-Demand Industries

Industry	Industry Rank	Employment Level	Projected Growth ('17-'19)	Average Wages	Wage Growth ('14-'17)
Health care and social assistance	1	7,695	1.2%	\$46,904	2.9%
Retail trade	2	6,707	1.5%	\$25,965	2.6%
Agriculture, forestry, fishing and hunting	3	492	4.8%	\$33,696	-3.1%
Professional and technical services	4	702	6.1%	\$49,539	1.5%
Administrative and waste services	5	991	1.4%	\$36,140	4.6%
Arts, entertainment, and recreation	6	333	3.9%	\$29,562	3.2%
Manufacturing	7	1,476	1.7%	\$51,289	0.0%
Real estate and rental and leasing	8	742	2.9%	\$35,533	4.4%
Transportation and warehousing	9	868	1.0%	\$39,693	0.8%



For information on the Office of Economic Opportunity's recommended In-Demand Occupations visit:

<https://tabsoft.co/2JsE6St>

Local Workforce Occupations

Instructions:
-Customize your list of occupations by selecting a local region, industry category and minimum education level
-Review employment and wage estimates associated with each occupation
-Occupations are assigned a rating from 1-5 calculated using wage, and numeric and percentage growth rates
-Hover over an occupation to highlight data elements on the graph below

Local Area

Arizona

Industry

Construction

Minimum Education Required

(All)

In-Demand Occupations

Occupation	Employment Level	Annualized Proj Occ Emp...	Annual Wages	Minimum Education Req.	
Carpenters	16,157	4.1%	\$42,990	HS Diploma	★★★★★
Cement masons and concrete finishers	6,476	5.4%	\$39,750	Less than H.S.	★★★★★
Construction laborers	22,852	4.0%	\$33,349	Less than H.S.	★★★★★
Cost estimators	5,724	4.5%	\$67,771	Bachelor's Degree	★★★★★
Drywall and ceiling tile installers	4,932	4.2%	\$40,032	Less than H.S.	★★★★★
Electricians	12,488	4.4%	\$49,181	HS Diploma	★★★★★
Heating, air conditioning, and refrigeration mechanics and installers	7,522	5.3%	\$46,444	Certification	★★★★★
Heavy and tractor-trailer truck drivers	27,205	3.5%	\$44,640	Certification	★★★★★

Wage & Employment



Tool Provides:

- ⇒ Custom Data Filters
- ⇒ Visual Comparisons
- ⇒ “Highlight” feature
- ⇒ Local employment data
- ⇒ Star ranking comparing jobs of equal education level
- ⇒ Customer Support at (602)771-2222 labor.info@oeo.az.gov